

September 28, 2021

CMES-0642. QSM10199

1.5 Coperion Manpower - Overview:

The Field supervision services will be carried out by the following no. of Coperion Engineers.

Pos.	Description	Work Location	Duration	SHIFT
A	Unit - 42			
1	Gearbox Engineer-1	Extruder Gearbox	25	DAY
2	Gearbox Engineer-2	Extruder Gearbox	22	NIGHT
3	Mechanical Engineer-1	Process & Discharge	17	DAY
4	Mechanical Engineer-2	Process & Discharge	17	NIGHT
B	Unit - 43			
1	Gearbox Engineer-1	Extruder Gearbox	22	DAY
2	Gearbox Engineer-2	Extruder Gearbox	22	NIGHT
3	Mechanical Engineer-1	Process & Discharge	17	DAY
4	Mechanical Engineer-2	Process & Discharge	17	NIGHT
C	Unit - 44			
1	Gearbox Engineer-1	Extruder Gearbox	22	DAY
2	Gearbox Engineer-2	Extruder Gearbox	22	NIGHT
3	Mechanical Engineer-1	Process & Discharge	17	DAY
4	Mechanical Engineer-2	Process & Discharge	17	NIGHT
D	Unit – 42 + 43 +44			
1	Cobra Specialist	Barrel Wear Measurement	6	DAY
2	Electrical / Control Engineer-1	Electrical & Control Sys.	11	DAY
3	Site Manager	Site Management	26	DAY
4	Mechanical Engineer-1	Jumper	23	DAY/NIGHT

Remarks: All other manpower required to execute the job has to be arranged and taken care by the client.

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Service Duration / Schedule

Duration of service expected to be for approx.. 3-4 weeks with respect to actual site scenario.
Standard Work Schedule for each Coperion Engineer: 10 Hours / Shift, 2 Shifts/Day and 06 Days per week.

The working days proposed in the Coperion Manpower Loading Chart is only a tentative schedule.
The detailed schedule needs to be worked out together with the client planning team after the Order placement.

Remarks on Engineers Schedule:

Our Field Service Engineers are allowed to work for a maximum of 6 consecutive days a week, i.e., 10 hours per shift / 60 Hours per week including One Day-Off (7th day of week) – in accordance to the regulation of German Labor Law. If required and/or requested by the client to work more than the above specified period, the client may request Coperion with a written approval from the Saudi Ministry.

Nevertheless, on a special note we agree to execute the job on the basis of:

- ✓ 12 Hours / Shift, 2 Shifts/Day and a Day-off after every 6 days (+/- 1 or 2 days)

Remarks: The above proposed work duration is exclusive of any Quarantine period in Saudi Arabia, Germany and/or any other Nation. If applicable, this shall be additionally considered for the actual service scheduling as per the actual number of Quarantine days as advised by the Ministry of countries involved. The applicable quarantine period / days are subject to chargeable.

Enclosed:

- ❖ 1.6 Manpower Loading Chart – Coperion
- ❖ 1.7 Manpower requirement Chart – Coperion & Schem Contractor

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=> This is only an estimated time frame for the purpose of issuing the quotation. The detailed TA Maintenance schedule needs to be worked out by the client together with the input from Coperion.

=> Repair and/ or machining activities at Coperion workshop are not considered in this schedule / proposal and can be quoted separately after discussing the requirements in detail with the end-user.

Manpower requirement Chart - Schem Sub-contractor

Inspection & Overhaul on Extruder at Unit 42, 43 & 44
SPCo South Plot TA-2022

> compounding & extrusion
> materials handling
> service

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Unit	Activities	DAY - SHIFT					NIGHT - SHIFT				
		Coperion	SChem Contractor				Coperion	SChem Contractor			
		Engineers	Mechanics	Riggers	Cleaners	Electrician	Engineers	Mechanics	Riggers	Cleaners	Electrician
42	Gearbox	1	6	4	2	-	1	2	4	6	
42	Process section	1	6	4	4	2	1	4	4	6	
42	Discharge section										
42	Sub-Total Manpower	2	12	8	6	2	2	6	8	12	0
43	Gearbox	1	6	4	2	-	1	2	4	6	
43	Process section	1	6	2	4	2	1	4	4	6	
43	Discharge section										
43	Sub-Total Manpower	2	12	6	6	2	2	6	8	12	0
44	Gearbox	1	4	4	6	-	1	4	4	6	
44	Process section	1	6	2	4	2	1	4	4	6	
44	Discharge section										
43	Sub-Total Manpower	2	10	6	10	2	2	8	8	12	0
42, 43, 44	Cobra Wear Measurement	1									
42, 43, 44	Electrial & Control Sys.	1									
42, 43, 44	Site Management	1									
42, 43, 44	Jumper	1									
42, 43, 44	Total Manpower	10	34	20	22	6	6	20	24	36	0